Title: Method and Apparatus for Stack Emulation During Binary Translation Inventor: Moas et al. Application No.: 09/458,121 Attorney Docket No: 42P7162 Sheet: 1 of 3 REPLACEMENT SHEET POP FP VALUE OFF STACK: CAUSE A STACK UNDERFLOW FIG. 1D (PRIOR ART) **EMPTY EMPTY EMPTY** <u></u> FIG. 1C (PRIOR ART) POP FP VALUE OFF STACK: CAUSE NO STACK FAULT **EMPTY** EMPTY EMPTY <u>ਰ</u> PUSH FP VALUE ONTO STACK FIG. 1B (PRIOR ART) NON EMPTY **EMPTY** EMPTY **T**0 FIG. 1A (PRIOR ART) INITIAL STATE **EMPTY** EMPTY EMPTY **T**0P

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

(303) 740-1980



JBLAKELY, SOKOBOFF, FAMBOR & ZAEMANDELP (303) 740-1980

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REPLACEMENT SHEET

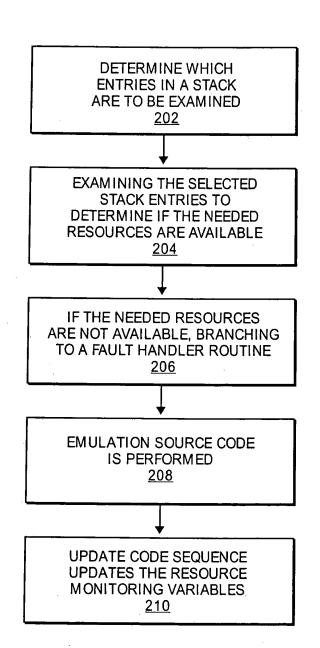


FIG. 2

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